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CENTRAL FAX CENTERApplication No. 10/540659
Responsive to the office action dated August 5, 2009

NOV 04 2009

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1 - 20. (Canceled)

21. (Previously Presented) A method for manufacturing a polyimide coating film, the film comprising: a polyimide converted from

converting a polyimide precursor liquid composition into a polyimide; and
preparing a polyimide coating film from the polyimide.

wherein the polyimide precursor liquid composition comprising comprises:

at least one type of tetracarboxylic dianhydride or derivative thereof;

at least one type of diamine or derivative thereof; and

a polar polymerization solvent;

wherein the polyimide precursor liquid composition further includes a cyclic compound that is different from the polar polymerization solvent and has a 5 member ring structure that includes a carbonyl group (C=O bond);

wherein the cyclic compound has a boiling point of 200°C or more, comprises carbon, hydrogen and oxygen atoms, does not include hetero atoms of nitrogen, phosphorous and sulfur, is at least one selected from the group consisting of ethylene carbonate, propylene carbonate, butylene carbonate and γ -butyrolactone, and is present in an amount that prevents discoloration of a polyimide produced from the polyimide precursor;

wherein when the polyimide precursor liquid composition including a solid portion is in an amount of 100 mass parts, an amount of the polar polymerization solvent is in a range of 150 to 900 mass parts and an amount of the cyclic compound is in a range of 15 to 750 mass parts in the polyimide precursor liquid composition;

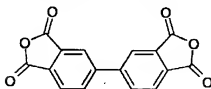
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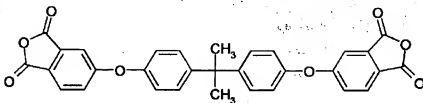
wherein the tetracarboxylic dianhydride comprises of a compound 3,3',4,4'-biphenyl tetracarboxylic dianhydride (BPDA) expressed by the following chemical formula A' and a compound 2,2-bis[3,4-(dicarboxyphenoxy)phenyl] propane dianhydride (BPADA) expressed by the following chemical formula B', where a molar ratio of the BPDA in tetracarboxylic dianhydride is from 50 mol% to 90 mol% and a molar ratio of the BPADA in the tetracarboxylic dianhydride is from 10 mol% to 50 mol%; and;

wherein the diamine is a compound expressed by the following chemical formula 3, and

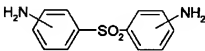
wherein when the polyimide coating film has a thickness of 50 ± 10 micrometers (μm) and is irradiated with light of 420 nanometers (nm), a transmittance of the polyimide coating film is at least 60%



Formula A'



Formula B'



Formula 3.

22. (Currently Amended) The method polyimide coating film according to claim 21, wherein when the polyimide coating film is a coating film that has a thickness of 50 ± 10 micrometers (μm) and is irradiated with light of 420 nanometers (nm); the

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~~polyimide coating film shows a~~ transmittance of the polyimide coating film is at least
[[50]]70% or more.

23. (Currently Amended) The ~~method polyimide coating film~~ according to claim 21,
wherein the glass transition temperature (T_g) of the polyimide coating film is
200°C or morehigher.

24. (Currently Amended) The ~~method polyimide coating film~~ according to claim 21,
wherein the water absorption of the polyimide coating film is 2.0 wt% or less.

25. (Currently Amended) The ~~method polyimide coating film~~ according to claim 21,
wherein at least a single layer of a transparent, electrically conductive film is
further formed on at least one side of the polyimide coating film.

26. (Currently Amended) The ~~method polyimide coating film~~ according to claim 25,
wherein the electric resistance of the transparent, electrically conductive film is $1 \times 10^{-2} \Omega\text{-cm}$ or less.

27. (Currently Amended) The ~~method polyimide coating film~~ according to claim 21,
wherein at least a single layer of a transparent film further is formed on at least
one side of the polyimide coating film.

28. (Currently Amended) The ~~method polyimide coating film~~ according to claim 27,
wherein at least a single layer of a transparent, electrically conductive film is
further formed on at least one side of the transparent film.

29. (Currently Amended) The ~~method polyimide coating film~~ according to claim 28,
wherein the electric resistance of the transparent, electrically conductive film is $1 \times 10^{-2} \Omega\text{-cm}$ or less.

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30. (New) The method according to claim 21,
wherein the polyimide precursor liquid composition comprises a polyamic acid of
BPDA, BPADA, and the diamine of formula 3, and
the cyclic compound is added to the polyamic acid after BPDA, BPADA, and the
diamine of formula 3 react.

31. (New) The method according to claim 21,
wherein when the polyimide coating film has a thickness of 50 ± 10 micrometers
(μm), water absorption of the polyimide coating film is 1.9 wt% or lower.